

ABSTRACT OF THE DISCLOSURE

[0041] Methods for the preparation of high molecular weight cationic poly(meth) acrylamide/quaternary ammonium salt copolymers are disclosed wherein after at least about 50% of the monomers have been polymerized, a cross-linking agent is then added to the reaction mixture on a continuous basis and in the absence of any feed of chain transfer agent. Cationic copolymers so produced exhibit improved floc formation properties and are useful as flocculants and dewatering aids in aqueous systems that include an oily sludge or the like.